



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
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नई दिल्ली, शनिवार, जनवरी 3, 1970 (पौष 13, 1891)  
NEW DELHI, SATURDAY, JANUARY 3, 1970 (PAUSA 13, 1891)

इस भाग में विम्ब पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 3rd January 1970

#### SPECIAL NOTICE

(1)

It is hereby notified for general information that the holidays specified below will be observed by the Patent Office, Calcutta during the year 1970.

| Name of Festival     | Day of week                     | Date               |
|----------------------|---------------------------------|--------------------|
| Netaji's Birthday    | .. Friday                       | 23rd January       |
| Republic Day         | .. Monday                       | 26th January       |
| Sree Panchmi         | .. Tuesday                      | 10th February      |
| Maharam              | .. Thursday                     | 19th March         |
| Doljatra             | .. Monday                       | 23rd March         |
| Good Friday          | .. Friday                       | 27th March         |
| Bengali New Year day | .. Wednesday                    | 15th April         |
| Independence Day     | .. Saturday                     | 15th August        |
| Gandhiji's Birthday  | .. Friday                       | 2nd October        |
| Durgapuja            | .. Wednesday, Thursday & Friday | 7th to 9th October |
| Lakshmi Puja         | .. Wednesday                    | 14th October       |
| Kali Puja            | .. Thursday                     | 29th October       |
| Id-ul-Fitr           | .. Tuesday                      | 1st December       |
| Christmas Day        | .. Friday                       | 25th December      |

(2)

The Ministry of Industrial Development, Internal Trade and Company Affairs, (Deptt. of Industrial Development) Notifications S.O. Nos. 4662, 4663 and 4664, dated November 7, 1969, published in the Gazette of India, Part II, Section 3(ii) (pages 5104, 5105 and 5106), dated the 22nd November, 1969/1st Aghrayana, 1891, are reproduced below for the information of the public.

397GI/69

#### MINISTRY OF INDUSTRIAL DEVELOPMENT, INTERNAL TRADE AND COMPANY AFFAIRS

(DEPARTMENT OF INDUSTRIAL DEVELOPMENT)

New Delhi, the 7th November 1969

S.O. 4662—In exercise of the powers conferred by Section 72 of the Indian Patents & Designs Act, 1911 (2 of 1911), the Central Government hereby appoints the

(1)

Deputy Chief Engineer, Technical Services, Bharat Heavy Electricals Limited, Heavy Electricals Equipment Plant, Hardwar, U.P. as an authority for the purpose of the said section, and makes the following further amendment in the notification of the Government of India in the late Ministry of Commerce and Industry No. S.R.O. 681, dated the 23rd March, 1955, namely :—

In the said notification, after item 35 and the entry relating thereto, the following item and entry shall be added, namely :—

- (36) "Deputy" Chief Engineer, Technical Services, Bharat Heavy Electrical Limited, Heavy Electrical Equipment Plant, Hardwar, U.P."

[No. 33(42)-PP&D/69]

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S.O. 4664—In exercise of the powers conferred by Section 72 of the Indian Patents & Designs Act, 1911 (2 of 1911), the Central Government hereby appoints the Joint General Manager, Heavy Machine Building Plant, Heavy Engineering Corporation Limited, Dhurwa, Ranchi, Bihar, as an authority for the purpose of the said Section, and makes the following further amendment in the notification of the Government of India in the late Ministry of Commerce and Industry No. S.R.O. 681, dated the 23rd March, 1955, namely :—

In the said notification, after item (36) and the entry relating thereto, the following item and entry shall be added, namely :—

- (37) "The Joint General Manager, Heavy machine Building Plant, Heavy Engineering Corporation Limited, Dhurwa, Ranchi, Bihar."

[No. F. 33(44)-PP&D/69]

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S.O. 4663—In exercise of the powers conferred by Section 72 of the Indian Patents & Designs Act, 1911 (2 of 1911), the Central Government hereby appoints the Director of Industries and Supplies, Rajasthan, Jaipur, as an authority for the said section and makes the following further amendment in the notification of the Government of India in the late Ministry of Commerce and Industry No. S.R.O. 681, dated the 23rd March, 1955, namely :—

In the said notification, after item (37) and the entry relating thereto, the following item and entry shall be inserted, namely :—

- (38) "The Director of Industries and Supplies, Jaipur, Rajasthan."

[No. 33(43)-PP&D/69]

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(3)

The undermentioned publications which have hitherto been sold by the In-charge, Govt. of India Book Depot, 8-Hastings Street, Calcutta-1, have been transferred to the Patent Office, 214, Lower Circular Road, Calcutta-17 and copies thereof will henceforth be sold by the Patent Office :—

Printed patent specifications Nos. 80,001 to 85,000.

2. Copies of the specifications Nos. 1 to 80,000 would continue to be sold by the Patent Office as before.

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

15th December 1969

124418. M. K. R. Panicker. Production of alkali bisulphate and sulphate therefrom.
124419. The Indian Institute of Technology, Dr. S. K. Bhattacharyya and S. Dutta. A process for the utilization of iron pyrites for the production of fertilizer ammonium sulfate.
124420. Celanese Corporation. Improved vinyl acetate containing aqueous emulsions and process for producing same.

124421. Buckman Laboratories, Inc. Highly water-soluble cationic polymeric polyelectrolytes.
124422. Buckman Laboratories, Inc. Hydrolysis products of chloromethylated 2'-hydroxyacetophenone and their use as ultraviolet light absorbers.
124423. Mechanical Movements Private Limited. Improved drum lifter.
124424. Gyogynoveny Kutato Intezet. A process for the preparation of 1-menthol.
124425. Solvay Et Cie. Anode assembly for electrolysis cell.
124426. Joseph Lucas (Industries) Limited. Means for supporting a member in a bore. (20th December 1968).
124427. The Goodyear Tire & Rubber Company. Improvements in rapid polymerization of vinyl chloride using a peroxydicarbonate initiator.
124428. The Dunlop Company Limited. Improvements in or relating to continuous treatment of material under pressure.
124429. The Dunlop Company Limited. Improvements to conveyor belting.
124430. Jervis B. Webb Company. Monorail Transportation system.
124431. Allis-Chalmers Manufacturing Company. Improved apparatus for conveying and distributing loose flowable material.
124432. FMC Corporation. Copyrolysis of coal and heavy carbonaceous residue.
124433. International Standard Electric Corporation. Improvements in or relating to telephone exchanges. (25th October 1967). [Divisional date 16th September 1968].
124434. A. E. Staley Manufacturing Company. Improved dye imbibition images.
124435. A. E. Staley Manufacturing Company. Coating composition.
124436. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Racemate resolution.
124437. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Pill coating method.
124438. Allen & Hanburys Limited. Improved process for the preparation of phenylethanolamines. (31st December 1968).
124439. Teijin Limited. Process for obtaining purified caprolactam by the purification of oligomer-containing impure epsilon-caprolactam.
124440. Meehanite Metal Corporation. Improved method of making nodular iron.
124441. Compagnie de Saint-Gobain. Improvements relating to a process and apparatus for forming hollow bodies in thermoplastic material.
124442. Union Carbide Corporation. Polymerization of ethylene with supported  $\pi$  allyl chromium complexes.
124443. International Standard Electric Corporation. Sub rack and rack assembly.
124444. Ciba Limited. New peptides and processes for their manufacture.
124445. Dynamic Typing, Inc. Audio-visual instructional system.
124446. Ceskoslovenska Akademie Ved. Process of manufacturing radioactive substances derived from difluorescennylmercury and labelled with radioactive iodine isotopes.
124447. M. L. Kulkarni. An improved milk cooker.
124448. Y. S. Barve. An improved folding sofa-cum-bed-cum-cup-board.

124449. Mrs. Banoobi Syed Mustafa. An improved incubator.

16th December 1969

124450. A/S Cheminova. Improvements in and relating to organic thiophosphate products and process of treating such products.

124451. Rhone-Poulenc S. A. Dialyzer.

124452. American Home Products Corporation. Process for preparing penicillin derivatives.

124453. Polymer Corporation Limited. Impermeable polymeric compositions. (28th January 1969).

124454. Midland Silicones Limited. Improvements in or relating to polymers. (20th December 1968).

124455. Alberto Kling. Flying craft. (8th August 1969).

124456. Matsushita Electric Industrial Co., Ltd. A process for electrolytic deposition of manganese dioxide.

124457. Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai. A new biologically active substance, pepstatin and production processes thereof.

124458. J. L. P. I. P. De Brabander. Hooking-up device consisting of two supports provided with hooking-up members.

124459. Leningradsky Nauchno-Issledovatel'sky I Konstruktorsky Institut Khimicheskogo Mashinostroenia. Straightway round-shaped valve.

124460. Veb Chemiefaserkombinat Wilhelm-Pieck-Stadt Guben. Method and apparatus for drying granulates of synthetic linear polymers. (3rd July 1969).

124461. Fritz and Singh Private Limited. Filter unit for oil.

124462. I. J. Kapani. Centrifugal pump.

124463. Merck & Co., Inc. Imidazolium salts and process.

124464. Merck & Co., Inc. Selective hydrolysis of phosphonic acid esters and amides.

124465. Glenfield & Kennedy Limited. Improvements in or relating to drum filters. (17th December 1968).

124466. Pulling & Lifting Machines Private Limited. A device for clamping a wire, rope or cable.

124467. Beecham Group Limited. Di-hydro triazine derivatives and processes for their manufacture. (1st January 1969).

124468. Societe Fives Lille-Cail. Sugar crystallizing method and apparatus.

17th December 1969

124469. S. R. K. Murthi. New method of drawing and forming.

124470. Buckman Laboratories, Inc. Novel hydroxy substituted esters of thioisulfonic acids and their use as microbicides.

124471. Unilever Limited. A process for sealing laminated materials. (24th December 1968).

124472. R. Chandra & J. S. Mann. Carbon-dioxide inquisitor tube apparatus.

124473. Clevite Corporation. Plastic bearing—bushing material.

124474. Opti-Holding Ag. Improvements in or relating to sliding clasp fasteners.

124475. Metallgesellschaft Aktiengesellschaft. Electrostatic precipitator.

124476. American Cyanamid Company. Novel pesticidal compounds, methods for their preparation and compositions containing same. [Divisional date 18th March 1968].

124477. Export Drugs Company. Antacid compositions.

124478. P. Iajodia. Improvements in or relating to earrings.

124479. Ciba Limited. Process for the manufacture of new pyridazine-1-oxides.

124480. Jervis B. Webb Company. Article handling system for baggage or other cargo.

124481. Imperial Chemical Industries Limited. Process for the production of moulds. (30th December 1968).

124482. Imperial Chemical Industries Limited. Process for the production of moulds. (30th December 1968).

124483. Joseph Lucas (Industries) Limited. Vehicle reversing lamps. (3rd January 1969).

124484. Subhas Kumar Chatterjee and N. A. Leicester. Improved bicycle.

124485. M. E. V. Jayakanthan. Aid for dumb to speak.

18th December 1969

124486. S. S. Chawla. New technology of making foundry moulds and cores from liquid self setting sand mixture.

124487. T. L. Chudiwala. Manufacturing pine tar.

124488. Srimathi Ramanujam Lakshmikanthamma. An improved process for the manufacture of duplicating stencil paper.

124489. A. C. Patel. An improved concrete shuttering elements and method of its manufacture.

124490. A. K. Sonpar. A burglar alarm system and apparatus therefor.

124491. Rhone-Poulenc S. A. Process for the preparation of (3-benzoylphenyl)-alkanoic acids, and pharmaceutical compositions containing them.

124492. Richardson-Merrell Inc. Blabasic ethers and thioethers of fluorenone, fluorenol and fluorene.

124493. The Goodyear Tire & Rubber Company. Improvements in polymerization process.

124494. Stamicarbon N. V. Cyclic process for the preparation and processing of a hydroxylammonium salt solution.

124495. Stamicarbon N. V. Cyclic process for the preparation and processing of a hydroxylammonium salt solution.

124496. International Business Machines Corporation. An electrical circuit for sensing signals of a predetermined amplitude.

124497. Allied Chemical Corporation. Polymerization apparatus and process.

124498. N. V. Philips Gloeilampenfabrieken. Single-phase pesticidal u.l. v preparation.

124499. Sandoz Ltd. Water soluble reactive dyes containing difluoropyrimidyloxy groups.

124500. Teijin Limited. Process for the optical resolution of mixtures of l- and d- $\alpha$ -amino-L-caprolactam.

124501. Mitsubishi Jukogyo Kabushiki Kaisha. Fuel injection system for diesel engine.

124502. Inventio Aktiengesellschaft. Elevator cage.

124503. Mitsubishi Jukogyo Kabushiki Kaisha. Diesel fuel injection system with improved starting performance.

124504. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Improvements in or relating to an internal combustion engine piston. [Addition to No. 116777].

124505. A. L. P. Coll. Process for the preparation of amides, hydrazides and esters and alpha-benzylpenicillin and n-substituted derivatives.

19th December 1969

124506. Dipl. Ing. H. Haller and Dipl. Ing. E. Wendl. Improvements in or relating to reinforcement and apparatus therefor.

- 124507 R. R. Pardasani, Improvement in or relating to locks. [Additional No. 78235].
124508. M. E. V. Jayakanthan. Aid for the blind to perceive.
124509. Council of Scientific and Industrial Research. Production of oxalic acid from saw-dust.
124510. Council of Scientific and Industrial Research. Improvement in or relating to the production of catalysts for the preparation of long chain fatty alcohols from fatty oils by continuous hydrogenolysis process.
124511. Council of Scientific and Industrial Research. Improvements in or relating to preparation of crosslinked polymers and derivatives thereof.
124512. Hindustan Lever Limited. Flavours.
124513. Hindustan Lever Limited. Chemical process and apparatus therefor.
124514. Stolberger Zink Aktiengesellschaft. A high-grade zinc alloy.
124515. Bohna Engineering and Research, Inc. Method of producing concentrated phosphoric acid compounds from phosphate rock.
124516. Joseph Lucas (Industries) Limited. Vehicle wind-screen wiping mechanisms. (3rd January 1969).
124517. Uss Engineers and Consultants, Inc. Method and apparatus for controlling the cooling rate of an elongated object.
124518. Mrs. Sunanda Vishwas Karmarkar. "Chapati" making machine.
124519. Jervis B. Weeb Company. Conveyor and dragline chain.
124520. Jervis B. Weeb Company. Track for floor truck dragline conveyors.
124521. J. A. Findlay. Process for preparing methyl and ethyl-10-epoxy-7-ethyl-3, 11-dimethyl-2, 6-tridecadienoate and intermediates therefor. (6th January 1969).
124522. Indian Oxygen Limited. Electric welding. (20th December 1968).
124523. Premier Irrigation Equipment Private Limited. A method of coupling two pipes together and means for doing so.
124524. Beecham Group Limited. Shampoos. (20th December 1968).
124525. Laboratories Labaz. Heterocyclic compounds and process for preparing the same. (20th December 1968).
124526. S. Kanao. An apparatus of continuously producing a spiralled tube of plastic resin.

#### Alteration of Date

114983. The claim to priority date 17th March 1967 has been disallowed and the application dated as of 15th March 1968, the date of filing in India.
123304. Ante-dated to 25th March 1968 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

114750. Veb Ernst-Thalmann-Werk Suhl. An adjustable caliper gauge. Accepted on 27th November 1969.

*Characterised by an adjustable measuring member provided into holding jaw.*

114843. N. V. Philips Gloeilampenfabrieken. Method of manufacturing filamentary bodies of circular cross-section consisting of silicon carbide single crystals and filamentary bodies obtained by said method. Accepted on 5th December 1969.

*Characterized in that the transport of silicon carbide from the gas phase to the substrate is carried out with the use of iron.*

114950. VEB Labortechnik Ilmenau. Valve attachment for rotating oleopneumatic pump. Accepted on 12th December 1969.

*Characterised by elastic components disposed between the valve body and the pump housing.*

114970. Scientific Adviser to the Defence Minister, Government of India, Ministry of Defence, New Delhi (India). Photosensitive synthetic resin lacquer. Accepted on 15th December 1969.

*Comprising photosensitive resin, polyester plasticizer resin and photo initiator.*

114983. The Dunlop Company Limited. Improvements in or relating to the supply of flexible strip material. [Addition to No. 101779]. Accepted on 15th December 1969.

*Comprising guiding members on the material holding arm, an air cushion device on the conveyor and a roller of material holding arm.*

115071. VDO Tachometer Werke Adolf Schindling GMBH., and H. T. Golde GMBH. Process for the manufacture of a flexible (or pliable) protection tube for a flexible shaft guided inside said tube with a radial play. (19th January 1968). [Addition to No. 104241]. Accepted on 16th December 1969.

*At first an adhesive material layer and then a brush-like layer made up of a plurality of short fibres or laminations are electrostatically deposited on the profile wire and then profile is formed into wire helix.*

115140. Scott Paper Company. Reticulated foam structures. Accepted on 17th December 1969.

*Comprizes wetting the reticulated polyurethane with a liquid distributing throughout said polyurethane with polyolefin resin powder, melt flowing said polyolefin to the outlines of the reticulated polyurethane with repetition of the process if necessary.*

115151. National Distillers and Chemical Corporation. Stable composition for polymer of aliphatic olefin. Accepted on 17th December 1969.

*Comprises a poly propylene and hydroxyethyl-β-(3, 5-di-t-butyl-4-hydroxy-benzylthio) propionate.*

115211. Ordena Lenina Fizichesky Institut Imeni P. N. Lebedeva. Nuclear radiation detector and method for manufacturing same. Accepted on 10th December 1969.

*Characterised in that the contact on the irradiated side of a diamond crystal plate is made blocking in relation to the charge carriers, while the opposite contact is made of a material capable of injecting the charge carriers.*

115215. Rohm And Haas Company. Purification of gases. Accepted on 12th December 1969.

*Comprises contacting the stream under anhydrous conditions with the chloride form of a macroreticular anion exchange resin.*

115369. H. F. A. Topsoe. Improvements in or relating to nickel iron or cobalt containing catalysts. (12th June 1967). Accepted on 15th December 1969.

*Characterizes in mixing a solution of nickel, iron or cobalt salt also containing a dissolved magnesium salt and/or finely divided and dispersed MgO with a solution of Na or K aluminate to coprecipitate a sludge of  $Mg(OH)_2$  and/or MgO, or intimate mixture with Na, Fe or Co hydroxide and  $Al(OH)_3$ , sludge is washed free of Na, K, dehydrated at 350—750° and then calcined at 850—1100°C.*

115745. Imperial Chemical Industries Limited. Catalytic process for the manufacture of pyridine and methylpyridines. (4th September 1967). Accepted on 16th December 1969.

*Comprises interacting acrolein with ammonia in presence of beryllium oxide catalyst.*

116353. Sando Iron Works Co., Ltd. Pressure sealing device in a continuous high pressure steaming apparatus. Accepted on 15th December 1969.

*Characterised by that it comprises at least one pair of sealing rolls, a sealing drum and end face sealing face slidably mounted on said drum.*

116366. The British Petroleum Company Limited. Improved graphite compositions and lubricating compositions containing them. (20th June 1967). Accepted on 15th December 1969.

*A method of preparing an oleophilic graphite comprising natural or synthetic graphite in an organic liquid in the presence of a fluorinated hydrocarbon.*

116394. Ciba Limited. Manufacture of new dithiocarbamates for combating grass-like weeds in rice-cultures. Accepted on 17th December 1969.

*Comprises reacting an amine with carbon disulphide in the presence of a tertiary amine or an alkali hydroxide and further reacting the product with a halide.*

116409. A. B. Inva. Improved metallurgical processes and a device for the simplification thereof. Accepted on 18 December 1969.

*Material introduced into a container is given such an oscillating motion that the material gets a repeated throwing motion in the same direction as the oscillating motion.*

116429. S. P. Jagirdar. Shutter stay. Accepted on 12th December 1969.

*Comprising two hinge flanges, parts of each flap being bent to form a knuckle through which a pin passage, the other part of each flap being bent to form a cup, the lower of the cups accommodating a piston upwardly urged by a spring and the other cup accommodating a button urged upwardly by a spring.*

116520. Council of Scientific and Industrial Research. An improved and modified process for the manufacture of ferrite magnets. Accepted on 16th December 1969.

*Characterised in that the heating is done to increase the temperature at a rate of 50°C to 200°C per minute whereby a product of grain size less than about 50μ is obtained even without adding grain grown inhibiting agents such as bismuth oxide, kaolin or boric acid.*

116690. Siemens Aktiengesellschaft. Circuit arrangement for generating and transmitting axle counting pulses in axle counting system. Accepted on 16th December 1969.

*Characterised by the employment of an alternating voltage generator, the frequency of which is variable by a control voltage applied to the*

*generator of a level which depends on the output voltage of a track unit which output voltage is varied by the wheels of the axles to be counted.*

116811. V. Venugopalan. Improvements in or relating to anti-theft device for motor cars, automobiles or the like vehicles. Accepted on 12th December 1969.

*Comprises incorporation in the ignition wiring circuit a series of switches having independent wheels with members marked on the rim and probes, wherein continuity of the circuits is ensured only in a particular position known to the owner.*

116834. Cardwell Westinghouse Company. Hand brake for railroad cars. Accepted on 16th December 1969.

*A housing adapted to be applied to a car under-frame, shaft means coupled to operating shaft, hand wheel means operatively coupled to shaft means, shaft means coupled to release mechanism and hand wheel means coupled to the last mentioned shaft means.*

116857. American Flange & Manufacturing Co., Inc. Plastic closure flange assembly. Accepted on 15th December 1969.

*The flange member defining an internally threaded axial dispensing passage, first gasketing means adjacent the upper end of said dispensing passage, in integrally moulded sealing lip, an annular metal securing ring assembled to said plug receiving flange member, a closure plug moulded of a synthetic plastic material, said plug including an integrally moulded second gasketing means in sealing engagement with said first gasketing means and said flange member having a portion thereof interposed in a horizontal plane between said engagement of said first and second gasketing means and securing ring.*

116908. Sandoz Ltd. Process for the production of anthraquinone derivatives chlorinated in  $\alpha$ -positions. Accepted on 15th December 1969.

*By chlorinating anthraquinone derivatives by oleum and chlorosulphonic acid thioyl chloride or sulphonyl chloride.*

116917. R. V. Bodas. Compact wardrobe. Accepted on 12th December 1969.

*Comprising an immovable first forming the bottom portion a second part hingedly fixed at the top of the first part and having removable sticks, and a third part hingedly connected at the top of the second part to form a cover for the first and second parts.*

116972. Farbenfabriken Bayer Aktiengesellschaft. Dyestuffs of the perylene series and process for their production. Accepted on 12th December 1969.

*Characterized by reacting in a molar ratio of 1 : 2, perylene 3, 4, 9, 10-tetracarboxylic acid with a hydrazide.*

116982. Aikou Kogyo Kaisha Ltd. A method for making rimmed steel ingots. Accepted on 19th December 1969.

*By using a casting mold provided with a heat insulating molding on all the peripheral surface of the upper part of the inner surface or each of two opposed surfaces in case the casting mold is of a square or substantially square cross-sectioned inner surface or on all the peripheral surface of the upper part of the inner surface or all on the greater part of each of two opposed surfaces in case the casting mold is of a flat cross-sectioned inner surface.*

117002. Burmah-Shell Oil Storage & Distributing Co., of India Limited. Mixing and dispensing mixed liquids. Accepted on 15th December 1969.

*Comprising measuring vessel, means to fill such vessel, means to flow measured liquid, means to discharge liquids and means to control rate of flow.*

117521. African Explosives and Chemical Industries Limited. Apparatus for estimating the ultra-violet ray light absorber content of a transparent material. Accepted on 16th December 1969.

*Comprises a source of ultraviolet radiation, a fluorescent support having a reflective surface for reflecting ultraviolet rays from source with wavelengths in the visible region, transparent reference material support over the reflective surface, and space over the reflective surface for supporting the test material in proximity to the reference material.*

117549. N. V. Philips Gloeilampenfabrieken. Electrical apparatus which is arranged in a wooden cabinet and is protected against corrosion. Accepted on 15th December 1969.

*Wooden cabinet is provided on the inside and at least on the bottom with a lacquer layer which contains zinc powder.*

117551. Siemens Aktiengesellschaft. Electric coils. Accepted on 16th December 1969.

*Core is closed except for a relatively small air gap therein the said gap being filled with resin that has been cast in situ, but the external surfaces of the core being substantially free of cast resin.*

117578. Joseph Lucas (Industries) Limited. Regulated power supplies particularly for motor cycles. (11th September 1967). Accepted on 16th December 1969.

*Comprises in combination a full wave rectifier, an alternator, and a load, the rectifier including at least one zener diode regulating the output voltage applied to the load.*

117586. Aktiebolaget Siefert & Fornander. Method of manufacture of matches of filamentary material and apparatus for trying out this method. Accepted on 16th December 1969.

*The entire pushing in of each group of splints into the splint carrying plate is carried out immediately after and in direct connection with the splint cutting operation in the same operational step.*

117653. Monsanto Company. Process for making methylene metal halide compounds and catalyst mixtures made of such compounds. Accepted on 17th December 1969.

*Comprises heating in the absence of moisture M, which stands for group II metal, group III A metal or boron or group IVA metal with  $CH_3X$ , where X is bromine or iodine.*

117793. CKD Praha, Oborovy Podnik. A device for arresting mutual position of two sprung vehicle axles particularly with mobile cranes. Accepted on 17th December 1969.

*One of the sprung axles is connected with the aid of a bell crank, to the hydraulic cylinder, and the other sprung axle is interconnected through another bell crank to piston rod the said bell cranks being pivotally secured to vehicle frame.*

117958. T. Kobayashi. Device for fine screening of paper stock. Accepted on 12th December 1969.

*Consisting of a spherical box, a stock feed pipe a rotary disk an inner guide passage and an outer guide passage.*

118045. Shell Internationale Research Maatschappij N. V. An insecticidal composition. (13th October 1967). [Addition to No. 111097]. Accepted on 15th December 1969.

*Characterized in that material forming the outer layer of a composition comprises the copolymer of ethylenically unsaturated hydrocarbon.*

118115. International Standard Electric Corporation. Telecommunication systems. (25th October 1967). Accepted on 15th December 1969.

*Including subscriber stations, closed loop unidirectional transmission line to which each subscriber may be connected means for providing on*

*the looped line time multiplexed communication channels, each subscriber having synchronising means whereby that subscriber may be connected to any unused channel to make a connection to another subscriber not already engaged.*

118184. Mefina S. A. Improved mount for pivotally supporting an electric motor. Accepted on 16th December 1969.

*Comprising at least one screw means and an electrically insulating sleeve a housing for the motor and support means fixed to the casing.*

118218. O. C. Ward. Support device for structures, such as legs for tables or the like. Accepted on 16th December 1969.

*Comprising at least four leg elements each having a transverse recess and a notch portion in the area adjacent the recess, wherein the leg elements are assembled in at least two units of two in cross relation.*

118250. C. J. Industries (LNL). Improvements in or relating to grips for articles which require to be gripped firmly. Accepted on 16th December 1969.

*Which on its obverse side is provided with minute hair like protrusions arranged linearly in close proximity with one another, covering the obverse surface entirely or only partially.*

118347. L. Singh. Improvement in or relating to racks or load bearing supports. Accepted on 18th December 1969.

*To form a firm load bearing support or rack the locating stud of the fixture body is inserted into the desired hole of the vertical strip and turned at right angle when the said arm or the seating channel slideably secured over the fixture body is set in position to form the rack.*

118417. Chas. Pfizer & Co., Inc. Enzyme purification process. (18th January 1968). Accepted on 12th December 1969.

*Exposing solution of contaminated enzyme to semi-permeable membrane, whereby the enzyme is retained and others are not.*

118548. Agfa-Gevaert Aktiengesellschaft. Apparatus for the continuous processing of photographic material in strip form. Accepted on 16th December 1969.

*Comprising a processing tank, a carrier within it guide means within the tank and defining a helical path around the carrier between an inlet and outlet for photographic strip material in the tank wall, and means within the tank for advancing photographic strip material along the helical path.*

118584. The Goodyear Tire & Rubber Company. Improvements in polymerization process. Accepted on 10th December 1969.

*Comprising using a catalyst system containing (1) at least one organo metallic compound from group I, II and III (2) at least one organo cobalt or nickel compound (3) at least one compound boron trifluoride and boron trifluoride complexes and 0.5 to 15 moles of carbon disulphide per one mole of cobalt and nickel compound.*

118761. Sandoz Ltd. Process for the production of polyesters. Accepted on 10th December 1969.

*Comprising using a catalyst mixture or alloys of (a) antimony (b) germanium and/or titanium and (c) zinc, cadmium and/or manganese and/or (alkaline earth metals) and/or alkaline metals.*

118879. AB Ludvig Svensson and N. R. Berghltz. An improved method for the treatment of textiles and like materials, as well as an apparatus for working the method. Accepted on 15th December 1969.

*Introducing gas into the liquid in finely divided state in such a manner that the very small bubbles of gas will penetrate the material, thereby separating the filaments thereof.*

119038. Società Italiana Resine S.p.A. Method of regenerating spinning baths for making acrylonitrile threads. Accepted on 12th December 1969.
- Characterised in (i) mixing solutions discharged from coagulating and drawing baths, (ii) treating fraction of mix with water to separate aqueous and organic layer, (iii) adding cumene and dimethylformamide obtained from these two layers to untreated fraction of mix and (iv) recycling said fraction to from organic layer to drawing bath of mix to coagulation death and paraffin.
119056. Aktiebolaget Tetra Pak. Method of and apparatus for simultaneously producing a number of strips of material. Accepted on 18th December 1969.
- Characterised by the combination of a first cutting device consisting of rotatable knives, a spreader device consisting of a slightly spool shaped roller a device for applying a covering layer and a second cutting device.
119149. Veb Tabak-Und Industriemaschinen Dresden. A method and apparatus for producing a continuous rod of loose, fibrous particles, more particularly cut tobacco. (30th March 1968). Accepted on 12th December 1969.
- Tobacco shower delivered by the tobacco distributor is divided within the pneumatic conveyor system into several part streams and conveyed to transfer points located in the proximity of a suction conveyor wheel in predetermined arrangement, the cross-section of part streams being reduced to the width of suction conveyor wheel and tobacco particles conveyed in the part streams being transferred to the jacket of the wheel accumulated in stratified manner to form a rod of tobacco.
119698. Alexon-Pac AB. Dispatching container, especially for gaseous liquids. Accepted on 15th December 1969.
- Comprising a tubular body, a bottom and a lid wherein the body is made of liquid-proof card board or the like fibre sheet material and has its ends firmly embedded in annular marginal reinforcements made of thermoplastic material.
119746. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Improvements relating to furnaces. Accepted on 15th December 1969.
- Each collector pipe is disposed in a thermally insulated collector chamber which is connected both to the furnace chamber and to the waste-gas duct.
119769. The Dow Chemical Company. Process for the production of ethylbenzene. Accepted on 15th December 1969.
- Simultaneously contacting ethylene benzene and Al chloride catalyst complex at a temperature between 90-250°C and at 280 p.s.i.g. for a period not greater than 2 minutes with molar ratio  $C_6H_6/C_2H_4$  at least 1/1 and molar ratio of Al chloride added to the catalyst complex to benzene between 0.0—1/1.
119875. Mitsui Toatsu Chemicals, Incorporated. Method for synthesizing urea. Accepted on 12th December 1969.
- Comprises (1) reacting ammonia and carbon dioxide at urea-forming temperature and pressure in a first urea synthesizing zone (2) removing heat from the first stream in a heat recovery zone and (3) reacting the condensed ammonia and carbon dioxide in first stream in a second synthesizing zone to form a second reaction product stream.
119957. The Kulilan Corporation (India) Private Limited. An improved apparatus for handling and conveying fine granular substance. Accepted on 18th December 1969.
- Has in combination the following parts:—(i) a nozzle chamber comprising a central chamber (ii) a vacuum chamber adjacent the nozzle chamber (iii) a mixing cum-discharge chamber for passing therethrough the fine granular substance mixed with the ejected water to the outside of the apparatus to the next stage of conveying.
120032. Doittau Produits Metallurgie. Method and composition for lining the recesses of ingot moulds. Accepted on 18th December 1969.
- Includes 40 to 79% of an inert filling constituted by siliceous sand or magnesia 0 to 45% of chamotte, 6 to 19% of an organic product furthering the separation of the residual matter, 4 to 10% of refractory fibres and a binder.
120085. Kalinga Otto Private Limited. Refractory composition for use in furnaces. Accepted on 16th December 1969.
- Comprised of  $SiO_2$ —60—78%,  $Al_2O_3$ —20—34%  $Fe_2O_3$ —0.5—2%, alkali metals 1.5—12%.
120099. P. Leiner & Sons (Encapsulations) Limited. Powder feed hopper for capsuleforming machine. (7th March 1968). Accepted on 18th December 1969.
- Comprising a main hopper mounted above the delivery hopper and having one or more flexible pipes descending into the delivery hopper.
120111. P. Vachani. An improved tooth-pick. Accepted on 18th December 1969.
- Characterised in that the toothpick has a sharp bended loop forming a handle or grip the loop nearly closing at its open end to form a narrow neck, from which neck two arms branch off in different directions each of the arms making a filleted angle with the loop.
120232. Pioneer Oilsealing & Moulding Company Limited. Improvements in or relating to diaphragms. (15th August 1968). Accepted on 12th December 1969.
- Made of rubber and having therein a reinforcement consisting of randomly distributed fibres.
120413. Metallgesellschaft A. G. Process of producing reduced iron ore pellets. Accepted on 15th December 1969.
- Characterized in that 5 to 25% fine-grained metallic iron are added to the pelletizing to the oxide iron ore and the pellets are fired at 700-1050°C in a slightly oxidizing to slightly reducing atmosphere that the average  $K_e$  10 is in the range 1 : 1.0 to 1 : 1.4.
120552. N. V. Philips Gloeilampenfabrieken. Method of securing a metal supporting member to a glass wall by means of glaze and colour television picture tube provided with such supporting members. Accepted on 16th December 1969.
- Characterised in that the supporting member comprises a cavity the edge of which on at least two oppositely located locations having a lower height over some distance than the original edge had at that location.
120761. Waldman Corporation. Dustproof watch crown. Accepted on 18th December 1969.
- Comprises a crown body having a central axially extending post adapted for connection to a stem of a watch, a side wall dependent from body in outwardly spaced concentric relation to the post.
120808. Heinrich Kopper Gesellschaft Mit Beschränkter Haftung. Process and apparatus for the thermal treatment of bulk material. Accepted on 15th December 1969.
- Characterised in that the bulk material is heated in an upper shaft portion, thereafter retained in an intermediate shaft portion, and thereafter is divided into a plurality of streams the period of retention being a function of particle size.
120825. The Metal Box Company Limited. Improvements in closures for necked containers. (21st May 1968). Accepted on 18th December 1969.

*A closure moulded from flexible synthetic plastic material having a crown and a skirt, the internal cross-section of the closure being greater than the external cross-section of the neck to which the closure is to be fitted.*

121594. Vereinigte Ostergelchische Eisen-und Stahlwerke Aktiengesellschaft. Improvements in or relating to a method for the production of bars in a continuous castings process and apparatus for carrying out such method. Accepted on 19th December 1969.

*Steel is cast into mould in at least two streams, of which at least one has a lower temperature than the other, the lower temperature stream is directed into the centre of the mould.*

121642. N. V. Philips Gloeilampenfabrieken. Device for transporting thermal energy from a lower to a higher temperature level. Accepted on 15th December 1969.

*Comprising a first and second superleak, its lower ends being interconnected through a first space in which thermal energy is supplied to helium in the device, a duct and a cooler, its upper ends being connected through a helium bath, a duct and a second space in which thermal energy is supplied.*

122556. Joseph Lucas (Industries) Limited. Ignition distributors. (22nd August 1968). Accepted on 18th December 1969.

*Including means interposed between a shaft driven by the engine and a cam shaft rotatable with driven shaft to operate contact breaker assembly to damp angular movements of the cam shaft relative to the driven shaft.*

123304. National Distillers and Chemical Corporation. Substituted-dihydroxybenzylthio derivatives. [Divisional date 25th March 1968]. Accepted on 17th December 1969.

*Sodium mecaptide is reacted with 3, 5-di-*t*-b-hydroxy benzyl chloride.*

#### Opposition Proceedings

An opposition has been entered by Ramgopal Bajaj to the grant of a patent on application No. 118148, made by Saunders Valve Co. Ltd.

#### Patents Sealed

82399. 84422. 87391. 93260. 98146. 98242. 98502. 103564. 104219. 104343. 104411. 104453. 104946. 105550. 105706. 106021. 106034. 106035. 107526. 107814. 108253. 108302. 109901. 110212. 110273. 110434. 110766. 111142. 111492. 111638. 111987. 112104. 112126. 112153. 112268. 112271. 112664. 112840. 112880. 112898. 112936. 113018. 113033. 113525. 113609. 113710. 113711. 113715. 113952. 114031. 114163. 114373. 114599. 114699. 114886. 114984. 115026. 115062. 115103. 115224. 115485. 115778. 116065. 116161. 116284. 116309. 116310. 116413. 116440. 116448. 116706. 116707. 116898. 116937. 117608. 117732. 117794. 117893. 118451. 119182.

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Farbenfabriken Bayer Aktiengesellschaft, a body corporate organised under the laws of the Federal Republic of Germany, of Leverkusen, Federal Republic of Germany, manufacturers, seek leave to amend the description and claims and figures of the drawings in the specification and drawings in respect of patent application No. 109909. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office

or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Veeder Industries Inc. a corporation of the State of Connecticut, United States of America, located at 799 Main Street, Hartford, Connecticut, United States of America, seek leave to amend the claims in the specification in respect of patent application No. 116199. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

The amendment proposed by Imperial Smelting Corporation (N.S.C.) Limited (formerly known as The National Smelting Company Limited) in respect of application for patent No. 97331 as advertised in Part III, Section 2 of the Gazette of India dated the 6th September 1969 has been allowed.

(4)

The amendment proposed by L. Givaudan & Cie S. A. in respect of application for patent No. 101542 as advertised in Part III, Section 2 of the Gazette of India dated the 13th September 1969 has been allowed.

(5)

The amendment proposed by Kurashiki Rayon Co. Ltd. in respect of patent application No. 108521 as advertised in the Gazette of India, Part III, Section 2 dated the 6th September 1969 has been allowed.

(6)

The amendment proposed by Sundstrand Corporation in respect of patent application No. 110343 as advertised in the Gazette of India, Part III, Section 2 dated the 23rd August 1969 has been allowed.

(7)

The amendment proposed by Texaco Development Corporation in respect of patent application No. 111045 as advertised in the Gazette of India, Part III, Section 2, dated the 6th September 1969 has been allowed.

#### Renewal Fees Paid

53535. 53828. 54087. 54794. 56089. 56215. 56216. 56217. 56218. 56219. 56220. 56335. 56346. 56358. 56398. 56504. 56929. 56991. 57060. 57473. 59128. 59157. 59366. 59375. 59389. 59441. 59445. 59500. 59501. 59534. 59624. 59647. 60125. 60246. 60571. 60572. 60573. 60625. 60943. 61354. 61572. 61657. 61697. 61717. 62699. 62697. 62794. 62835. 62870. 62900. 62939. 62981. 62991. 63078. 63135. 63195. 63202. 63556. 63609. 63151. 65168. 65169. 65526. 66249. 66259. 66378. 66383. 66398. 66485. 66573. 66685. 66701. 66834. 66851. 66861. 67579. 67581. 67583. 67582. 68317. 70122. 70262. 70288. 70298. 70325. 70472. 70462. 70531. 70594. 70599. 70616. 70670. 70839. 70847. 71202. 72059. 73698. 74508. 74669. 74764. 74775. 74778. 74785. 74801. 74843. 74854. 74899. 74975. 74984. 74987. 75033. 75045. 75087. 75144. 75257. 75258. 75374. 75375. 75413. 75447. 75448. 75530. 75841. 76753. 78457. 78812. 79735. 80002. 80079. 80103. 80105. 80106. 80107. 80110. 80143. 80144. 80145. 80146. 80222. 80225. 80268. 80295. 80323. 80469. 80470. 80502. 80512. 80532. 80567. 80629. 80676. 80959. 80975. 80986. 80990. 81165. 81188. 81211. 81346. 81446. 81511. 84259. 85157. 85577. 85584. 85622. 85637. 85658. 85682. 85683. 85686. 85755. 85871. 85880. 85989. 86016. 86028. 86043. 86081. 86122. 86123. 86195. 86263. 86385.



86408. 86474. 86499. 86511. 86572. 86597. 86607. 86609.  
 86672. 86679. 86708. 87001. 87007. 87008. 87009. 87083.  
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 108283. 108334. 108423. 108478. 108840. 108841. 109000.  
 109005. 109153. 109177. 109268. 109446. 109698. 109972.  
 110575. 111659. 111842. 112243. 112691. 112692. 112693.  
 113294.

#### Restoration Proceedings

##### (1)

An order has been made on the 24th November 1969, restoring the patent No. 88775 dated as of the 5th July 1963, granted to Shri Ram Institute for Industrial Research for "a process for the production of octoic acid from butyl alcohol".

##### (2)

An order has been made on the 10th December 1969, restoring the patent No. 109005 dated as of the 28th August 1964, granted to Indian Oxygen Limited for "improvements in and relating to furnace lances".

##### (3)

An order has been made on the 10th December 1969, restoring the Patent No. 101200 dated as of the 27th August 1964, granted to Indian Oxygen Limited for "conveyor for carrying speed articles".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

##### NIL

#### COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS

Design Nos. 120434, 124014, 130374 Class-1.

Design Nos. 124537, 125611, 123838 Class-3.

Design No. 122136, Class-4.

Design No. 122168, Class-5.

Design Nos. 123692, 124198 to 124206, 124507 to 124515, and 124556 Class-13.

#### COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS

Design Nos. 95417, 95443, 99654 Class-1.

Design Nos. 99930, 100513, 100514, 101439 Class-3.

Design No. 123781 Class-4.

Design No. 102404 Class-5.

S. VEDARAMAN,

Controller General of Patents,

Designs and Trade Marks.

